336F L

Hydraulic Excavator

2017

Engine	
Engine Model	Cat® C9.3 ACERT™
Power – ISO 14396	234 kW – 313 hp (318 PS)
Power – ISO 9249	228 kW – 306 hp (310 PS)

Drive	
Maximum Travel Speed	4.8 km/h
Maximum Drawbar Pull	294 kN
Operating Weights	
Minimum Weight	36 200 kg
Maximum Weight	40 000 kg

The 336F L is built to keep your production numbers up and your owning and operating costs down.

Not only does the machine's C9.3 ACERT engine meet U.S. EPA Tier 4 Final, EU Stage IV, and Korea Tier 4 emission standards, but it does so while giving you all the power, fuel efficiency, and reliability you need to succeed.

Where the real power comes in is through the hydraulic system. You can literally move tons of material all day long with a great deal of speed and precision. In fact the hydraulic system and engine work together to keep fuel consumption to an absolute minimum – all without impacting your productivity.

When you add in a quiet operator environment that keeps you comfortable and productive, service points that make your routine maintenance quick and easy, and multiple Cat work tools that help you do a number of jobs very well, you simply won't find a better machine in this size class.

Contents

Reliable and Productive....4
Fuel Efficient....6
Easy to Operate....8
Durable Structures....10
Durable Linkages....11
Versatile....12
Cat Connect Technologies....14
Safe Work Environment....15
Serviceable....16
Complete Customer Care....17
Sustainable....17
Specifications....18
Standard Equipment....34
Optional Equipment....35

CAT
336F
L
CAT

Reliable and Productive

Power to move your material with speed and precision

Hydraulic Horsepower, a Cat Advantage

When it comes to moving heavy material quickly and efficiently, you need hydraulic horsepower – the type of ground-breaking power the 336F can deliver. Major hydraulic components like pumps and valves are located close together so shorter tubes and lines can be used. This design leads to less friction loss, reduced pressure drops, and more power to the ground for the work you need to get done.

The heavy lift mode increases machine system pressure to improve lift – a nice benefit in certain situations. Heavy lift mode also reduces engine speed and pump flow in order to improve controllability.

Control Like No Other

Controllability is one of the main attributes of Cat excavators, and one of the key contributors to this is the main control valve. The valve opens slowly when your range of joystick lever movement is small and opens rapidly when movement is high. It puts flow where you need it when you need it, which leads to smoother operation, greater efficiency, and lower fuel consumption.

Auxiliary Hydraulics for Added Versatility

Auxiliary hydraulics give you greater tool versatility so you can take on more work with just one machine, and there are several options from which you can choose. A quick coupler circuit, for example, allows you to switch from one tool to another in a matter of minutes.

Fuel Efficient

Engineered to lower your operating costs

The Cat C9.3 ACERT engine meets Tier 4 Final, Stage IV, and Korea Tier 4 emission standards and it does so without interrupting your job process. Simply turn the engine on and go to work. It will look for opportunities in your work cycle to regenerate itself, and it will give you plenty of power for the task at hand – all to help keep your owning and operating costs to an absolute minimum.

A Smart Design for Any Temperature

The 336F L features a side-by-side cooling system that allows you to put the machine to work in extremely hot and cold conditions. The system is completely separated from the engine compartment to reduce noise and heat. Plus it features easy-to-clean cores and a new variable-speed fan that reverses to blow out unwanted debris that may accumulate during your work day.

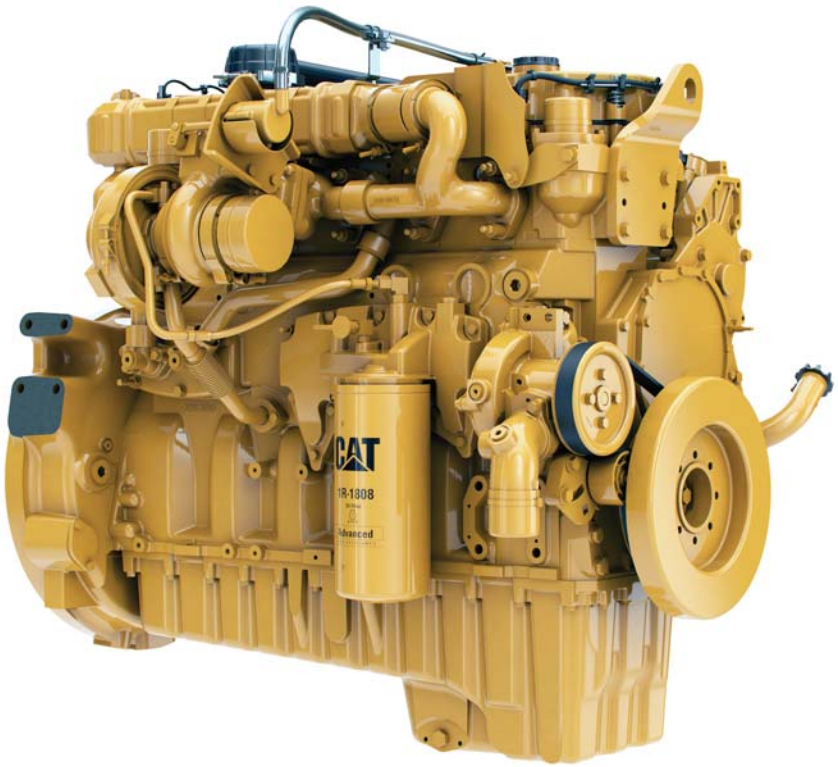
Biodiesel Not A Problem

The C9.3 ACERT engine can run on biodiesel fuel up to B20 blended with ULSD. Just fill it up and go.

Proven Technology

The right technologies fine-tuned for the right applications result in:

- **Improved Fuel Efficiency** over Tier 4 Interim and Stage IIIB products.
- **High Performance** across a variety of applications.
- **Enhanced Reliability** through commonality and simplicity of design.
- **Maximized Uptime and Reduced Cost** with world-class support from the Cat dealer network.
- **Minimized Impact of Emission Systems** – designed to be transparent to the operator without requiring interaction.
- **Durable Designs** with long life to overhaul.
- **Delivering Better Fuel Economy** with minimized maintenance costs while providing the same great power and response.



Easy to Operate

Comfort and convenience to keep you productive all day long

Safe and Quiet Cab

The cab contributes to your comfort thanks to special viscous mounts and special roof lining and sealing, that limit vibration and unnecessary sound.

Operators will enjoy the quietness and comfort of the all-new cab.

Excellent Ergonomics

Wide seats with air suspension and heat/cooling options, include a reclining back, upper and lower slide adjustments, and height and tilt angle adjustments to meet your needs for maximum comfort.

The fully automatic climate control system keeps operators comfortable and productive all day long in either hot or cold weather.

Storage spaces are located in the front, rear, and side consoles of the cab. A drink holder accommodates a large mug, and a shelf behind the seat stores large lunch or toolboxes.

Power supply sockets are available for charging your electronic devices like an MP3 player, a cell phone, or even a tablet.

Controls Just for You

The right and left joystick consoles can be adjusted to improve your comfort and productivity during the course of a day. The right joystick features a button that will reduce engine speed when you are not working to help save fuel. Touch it once and speed reduces; touch it again and speed increases for normal operation.

Easy to Navigate Monitor

The new LCD monitor is easy to see and navigate. Not only can it memorize up to 10 different work tools, it's also programmable in up to 44 languages to meet today's diverse workforce. The monitor clearly displays critical information you need to operate efficiently and effectively. Plus it projects the image from the rearview camera to help you see what's going on around you so you can stay safely focused on the job at hand.

Durable Structures

Made to work in your tough, heavy-duty applications

Stable Undercarriage

The undercarriage contributes significantly to outstanding stability and durability.

Track shoes, links, rollers, idlers, and final drives are all built with high-tensile strength steel for long-term durability.

Cat Grease Lubricated Track 2 (GLT2) track link protects moving parts by keeping water, debris, and dust out and grease sealed in, which delivers longer wear life and reduced noise when traveling.

Optional guide guards help maintain track alignment to improve the machine's overall performance – whether you're traveling on a flat, heavy bed of rock or a steep, wet field of mud.

Robust Frames

The 336F L is a robust, well-built machine designed to give you a very long service life. The upper frame has mountings made specifically to support the heavy-duty cab. It's also reinforced around areas that take on a lot of stress like the boom foot, skirt, and counterweight.

Great Weight

The 6.0 mt and 7.0 mt counterweights are available; with the heavier weight matched to a unique extreme service configuration that is designed to give you more lift. Both counterweights are built with thick steel plates and reinforced fabrications to make it less susceptible to damage, designed with curved surfaces that match the machine's sleek, smooth appearance along with integrated housings to help protect the rearview camera.

Durable Linkages

Options to take on your far-reaching or up-close tasks

Booms and Sticks for Any Job

The 336F is offered with a range of booms and sticks. Each is built with internal baffle plates and is stress relieved for added durability, and each undergoes ultrasound inspection to ensure quality and reliability. Large box-section structures with thick, multi-plate fabrications, castings, and forgings are used in high-stress areas such as the boom nose, boom foot, boom cylinder, and stick foot to improve durability. Also, the boom nose pin retention method is a captured flag design for enhanced durability.

The Reach boom and sticks offer you excellent all-around versatility for general excavations work like multipurpose digging and loading.

The Mass boom and sticks offer your enhanced performance in heavy-duty material like rock. They provide higher digging forces due to special boom and stick geometry, and bucket linkage and cylinders are built for greater durability.

Pins

All front linkage pins have thick chrome plating, giving them high wear resistance. Each pin diameter is made to distribute the shear and bending loads associated with the stick and to help ensure long pin, boom and stick life.

Talk to your Cat dealer to pick the best front linkage for your applications.

Versatile

Do more jobs with one machine

Get the Most from One Machine

The Cat combination of machine and tool provides a total solution for just about any application. Work tools can be mounted either directly to the machine or to a quick coupler, making it fast and easy to release one work tool and pick up another.

Change Jobs Quickly

Cat quick coupler brings the ability to quickly change attachments and switch from job to job. The Cat coupler is the secure way to decrease downtime and increase job site flexibility and overall productivity.

Available tool control remembers pressures and flows for up to 10 tools. Simply toggle through the monitor, select the tool, and go to work for maximum efficiency.

Dig, Rip and Load

A wide range of buckets dig everything from basic top soil to extreme, harsh material like ore and high quartzite granite. Rip through rock as an alternative to blasting in quarries. High-capacity buckets load trucks in a minimum number of passes for maximum productivity.

Break, Demolish and Scrap

A hydraulic hammer ably equips your machine for breaking rock in quarries. It will also make taking down bridge pillars and heavily reinforced concrete on road demolition jobs no problem.

Multi-processor and pulverizer attachments make your machine ideal for demolition jobs and processing the resulting debris.

Shears with 360° rotation mount to the machine for processing scrap steel and metal.

Set Up Your Machine for Profitability

Your Cat dealer can install hydraulic kits to properly operate all Cat Work Tool attachments, maximizing the machine's uptime and your profit. All Cat Work Tool attachments are supported by the same Cat dealer network as your Cat machine.

1) Universal Quick Coupler 2) Pin Grabber Coupler
3) General Duty (GD) 4) Heavy Duty (HD)
5) Severe Duty (SD) 6) Extreme Duty (XD)

Cat Connect Technologies

Monitor, manage, and enhance job site operations

Cat Connect makes smart use of technology and services to improve your job site efficiency. Using the data from technology-equipped machines, you'll get more information and insight into your equipment and operations than ever before.

Cat Connect technologies offer improvements in these key areas:

EQUIPMENT MANAGEMENT

Equipment Management – increase uptime and reduce operating costs.

PRODUCTIVITY

Productivity – monitor production and manage job site efficiency.

SAFETY

Safety – enhance job site awareness to keep your people and equipment safe.

LINK Technologies

LINK technologies, like Product Link™, are deeply integrated into your machine and wirelessly communicates key information, including location, hours, fuel usage, idle time and event codes.

Product Link/VisionLink®

Easy access to Product Link data via the online VisionLink user interface can help you see how your machine or fleet is performing. You can use this information to make timely, fact based decisions that can boost job site efficiency and productivity, and lower costs.

Safe Work Environment

Features to help protect you day in and day out

Secure Contact Points

Multiple large steps as well as hand and guard rails will get you into the cab as well as a leg up to the compartments.

Extended hand and guard rails allow you to safely climb to the upper deck. Anti-skid plates on the surface of the upper structure, and the top of the storage box area, reduce your slipping hazards in all types of weather conditions. They can be removed for cleaning.

Great Views

The new rearview and side-view cameras greatly enhance visibility behind and on the side of the machine to help the operator work more productively. A panoramic rearview is automatically displayed on the new multi-function monitor during reverse travel. As an option, a second display can be added, providing a dedicated full-time rearview of the job site.

Smart Lighting

Halogen lights provide plenty of illumination. Cab and boom lights can be programmed to stay on for up to 90 seconds after the engine has been turned off to help you safely exit the machine. Optional High Intensity Discharge (HID) lights are available for enhanced night-time visibility.

A Safe and Quiet Cab

The ROPS-certified cab provides you with a safe working environment. It also contributes to your comfort because it's attached to a reinforced frame with special viscous mounts that limit vibration and unnecessary sound. Add in special roof lining and sealing and you have a cab that's as quiet inside as any of today's highway trucks.

Optional Falling Object Guards (FOGS) further protect you from debris coming to the cab.

Ground-Level Access

You can reach most routine maintenance items like fuel and oil filters, fluid taps, and grease points from the safety and convenience of ground level. Not only do compartments feature wide service doors designed to help prevent debris entry, but they also securely latch in place to help make your service work simpler.

Serviceable

Designed to make your maintenance quick and easy

Quick and Convenient Fluids Service

S·O·S℠ oil sample and pressure ports provide easy checking of machine condition and are standard on every machine.

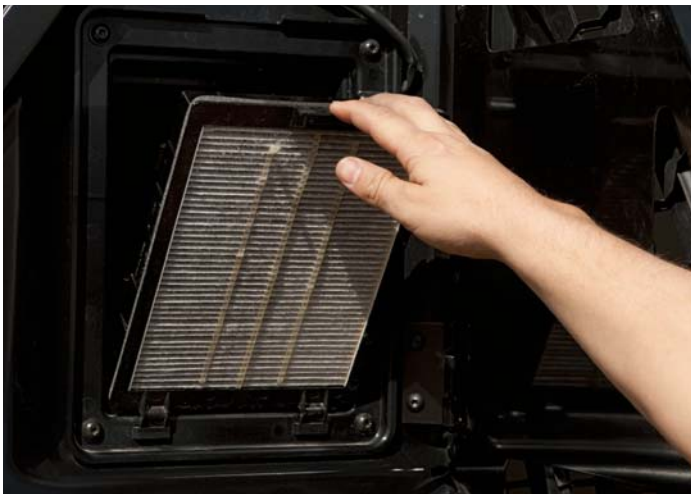
You can ensure fast, easy, and secure changing of engine and hydraulic oil with the QuickEvac™ option.

The fuel tank's drain cock makes it easy and simple for you to remove water and sediment during routine maintenance. Plus an integrated fuel level indicator pops up to help you reduce the possibility of fuel tank overfilling. An optional fast fill port accessible from ground level can make refueling even easier and faster.

An electric refueling pump allows you to refuel from other sources like a barrel or fuel reservoir when a fuel truck or regular fuel pump isn't on site. The pump automatically shuts off when the fuel tank is full.

A Smart Cooling Design

The high-ambient cooling system features a fuel-saving variable-speed fan and a side-by-side-mounted radiator and oil and air coolers for easy cleaning.



A Fresh Idea

When you select ventilation inside the cab, outside air enters through the fresh air filter. The filter is conveniently located on the side of the cab to make it easy to reach and replace, and it is protected by a lockable door that can be opened with the engine key.

Complete Customer Care

Unmatched support makes the difference

Worldwide Parts Availability

Cat dealers utilize a worldwide parts network to maximize your machines' uptime. Plus they can help you save money with Cat remanufactured components.

Financial Options Just for You

Consider financing options and day-to-day operating costs. Look at dealer services that can be included in the machine's cost to yield lower owning and operating costs over time.

What's Best for You Today…and Tomorrow

Repair, rebuild, or replace? Your Cat dealer can help you evaluate the cost involved so you can make the best choice for your business.

Sustainable

Generations ahead in every way

The 336F L is designed to compliment your business plan, reduce emissions and minimize the consumption of natural resources.

- The C9.3 ACERT engine meets Tier 4 Final, Stage IV, and Korea Tier 4 emission standards.
- The machine has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 10 ppm for EU, 15 ppm for EPA of sulfur or less or up to bio diesel (B20) fuel blended with ULSD.
- An overfill indicator rises when the tank is full to help the operator avoid spilling.
- Quick fill ports with connectors ensure fast, easy, and secure changing of hydraulic oil.
- Major components are rebuildable, eliminating waste and saving money by giving the machine and/or major components a second life – and even a third life.
- Link technologies enable you to collect and analyze equipment and job site data so you can maximize productivity and reduce costs.
- The 336F L is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.

336F L Hydraulic Excavator Specifications

Engine

Engine Model	Cat C9.3 ACERT
Power – SAE J1995	238 kW – 319 hp (324 PS)
Power – ISO 14396	234 kW – 313 hp (318 PS)
Power – ISO 9249	228 kW – 306 hp (310 PS)
Bore	115 mm
Stroke	149 mm
Displacement	9.3 L

Drive

Gradeability	30°/70%
Maximum Travel Speed	4.8 km/h
Maximum Drawbar Pull	294 kN

Track

Track Options – Double Grouser	850 mm 800 mm 700 mm 600 mm
Number of Shoes Each Side	49
Number of Track Rollers Each Side	9
Number of Carrier Rollers Each Side	2

Swing

Swing Speed	8.9 rpm
Swing Torque	109 kN·m
Maximum Swing Torque	134 kN·m

Service Refill Capacities

Fuel Tank Capacity	620 L
Cooling System	43 L
Engine Oil	32 L
Swing Drive (each)	19 L
Final Drive (each)	8 L
Hydraulic System (including tank)	380 L
Hydraulic Tank	175 L
DEF Tank	41 L

Sound Performance

Exterior – ISO 6395*	106 dB(A)
Operator – SAE J1166/ISO 6396	73 dB(A)

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.

*As per European Union Directive 2000/14/EC as amended by 2005/88/EC.

Hydraulic System

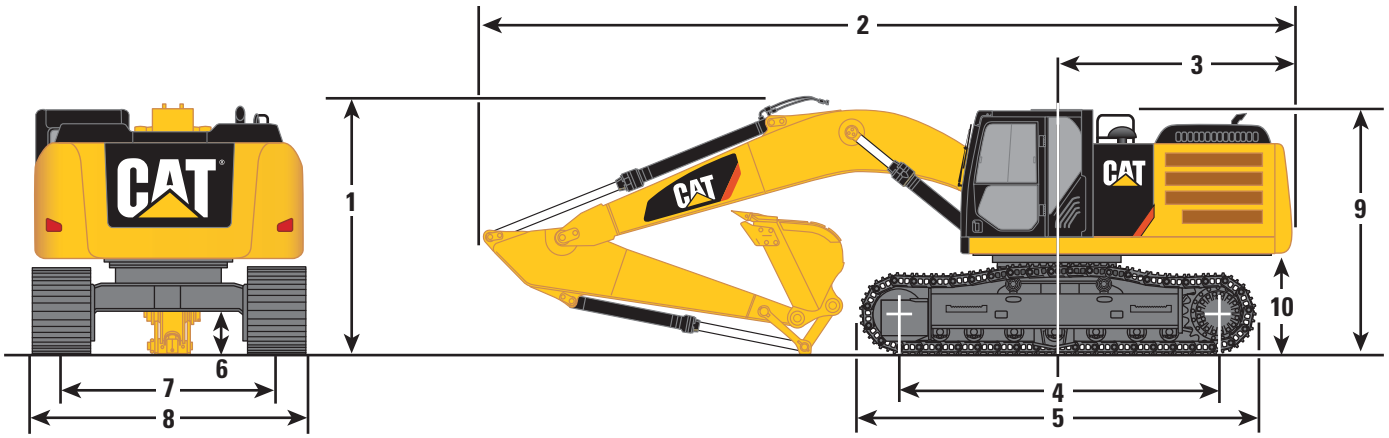
Maximum Flow (total)	
Main System	570 L/min
Swing System	279 L/min
Pilot System	29 L/min
Maximum Pressure	
Main System – Normal	35 000 kPa
Main System – Heavy Lift	38 000 kPa
Main System – Travel	35 000 kPa
Main System – Swing	28 000 kPa
Pilot System	4100 kPa
Boom Cylinder	
Bore	150 mm
Stroke	1440 mm
Stick Cylinder	
Bore	170 mm
Stroke	1738 mm
DB – Family Bucket Cylinder	
Bore	150 mm
Stroke	1151 mm
TB – Family Bucket Cylinder	
Bore	160mm
Stroke	1356 mm

Standards (including tank)

Brakes	SAE J1026/APR90
Cab/FOGS	SAE J1356/FEB88 ISO 10262
DEF	ISO 22241

Dimensions

All dimensions are approximate.



Boom Options		HD Reach Boom 6.5 m		Mass Boom 6.18 m
Stick Options	**R3.9DB*** **	**R3.2DB**	**R2.8DB*** **	**M2.55TB*** **
1 Shipping Height*	3650 mm	3500 mm	3650 mm	3630 mm
2 Shipping Length	11 160 mm	11 140 mm	11 180 mm	10 850 mm
3 Tail Swing Radius	3460 mm	3460 mm	3460 mm	3460 mm
4 Length to Center of Rollers	4040 mm	4040 mm	4040 mm	4040 mm
5 Track Length	5030 mm	5030 mm	5030 mm	5030 mm
6 Ground Clearance*	510 mm	510 mm	510 mm	510 mm
Ground Clearance**	480 mm	480 mm	480 mm	480 mm
7 Track Gauge				
Long Undercarriage	2590 mm	2590 mm	2590 mm	2590 mm
Long Narrow Undercarriage	—	2390 mm	2390 mm	2390 mm
8 Transport Width				
Long Undercarriage				
600 mm Shoes	3190 mm	3190 mm	3190 mm	3190 mm
700 mm Shoes	3290 mm	3290 mm	3290 mm	3290 mm
800 mm Shoes	3390 mm	3390 mm	3390 mm	3390 mm
850 mm Shoes	3440 mm	3440 mm	3440 mm	3440 mm
Long Narrow Undercarriage				
600 mm Shoes	—	2990 mm	2990 mm	2990 mm
9 Cab Height	3160 mm	3160 mm	3160 mm	3160 mm
Cab Height with Top Guard	3360 mm	3360 mm	3360 mm	3360 mm
10 Counterweight Clearance**	1220 mm	1220 mm	1220 mm	1220 mm
Bucket Type	GP	GP	GP	SD
Bucket Capacity	2.28 m^3	2.28 m^3	2.28 m^3	2.41 m^3
Bucket Tip Radius	1753 mm	1753 mm	1753 mm	1895 mm

Dimensions may vary depending on bucket selection.

*Including shoe lug height.

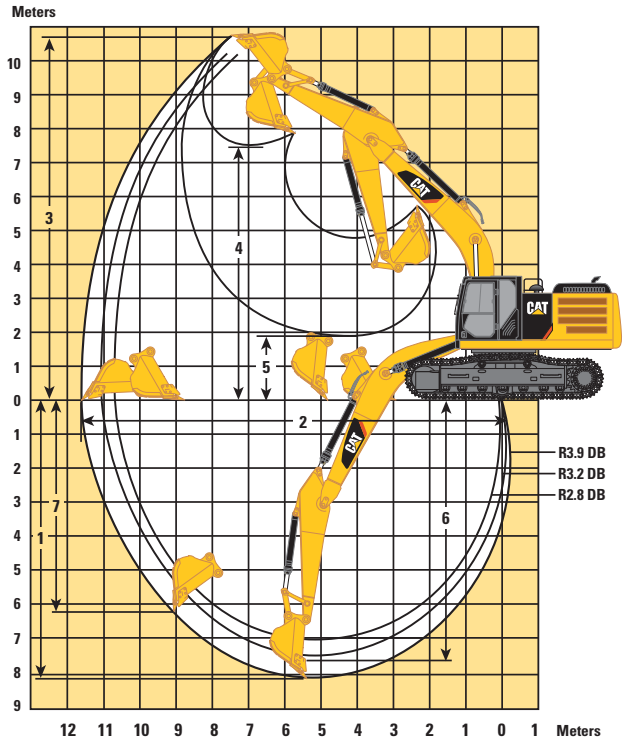
**Without shoe lug height.

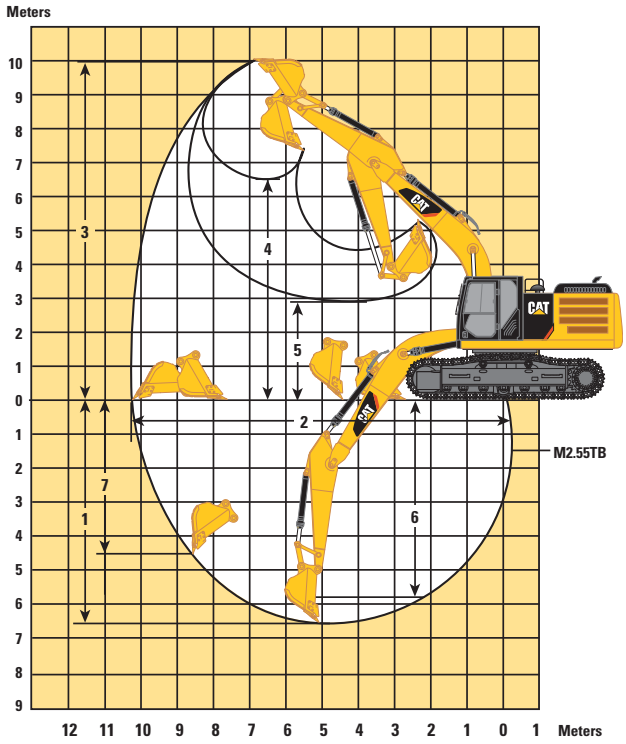
***For Europe, ANZ.

336F L Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.





Boom Options		HD Reach Boom 6.5 m			Mass Boom 6.18 m
Stick Options	**R3.9DB***	**R3.2DB**	**R2.8DB***	**M2.55TB***
1 Maximum Digging Depth	8190 mm	7490 mm	7090 mm	6650 mm
2 Maximum Reach at Ground Level	11 720 mm	11 020 mm	10 710 mm	10 260 mm
3 Maximum Cutting Height	10 740 mm	10 320 mm	10 370 mm	9970 mm
4 Maximum Loading Height	7500 mm	7110 mm	7110 mm	6620 mm
5 Minimum Loading Height	1910 mm	2610 mm	3010 mm	2920 mm
6 Maximum Depth Cut for 2440 mm Level Bottom	7610 mm	6820 mm	6390 mm	5810 mm
7 Maximum Vertical Wall Digging Depth	6310 mm	5500 mm	5470 mm	4450 mm
Bucket Type	GP	GP	GP	SD
Bucket Capacity	2.28 m^3	2.28 m^3	2.28 m^3	2.41 m^3
Bucket Tip Radius	1753 mm	1753 mm	1753 mm	1895 mm

Dimensions may vary depending on bucket selection.

*For Europe, ANZ.

Operating Weights and Ground Pressures

		850 mm Shoes (TG)		800 mm Shoes (TG)		700 mm Shoes (TG)		600 mm Shoes (TG HD)		600 mm Shoes (DG)	
		Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
Boom	Stick	kg	kPa	kg	kPa	kg	kPa	kg	kPa	kg	kPa
7.0 mt Counterweight											
Long Undercarriage											
HD R6.5 m	HD R3.9DB***	38 800	51.0	38 500	53.8	37 800	60.4	38 100	71.0	38 300	71.3
HD R6.5 m	HD R3.2DB	38 600	50.8	38 300	53.5	37 600	60.0	37 900	70.6	38 100	71.0
HD R6.5 m	HD R2.8DB***	38 600	50.8	38 300	53.5	37 600	60.0	37 900	70.6	38 100	71.0
M6.18 m	M2.55TB***	40 000	52.6	39 700	55.5	39 000	62.3	39 300	73.2	39 500	73.6
Long Narrow Undercarriage*											
HD R6.5 m	HD R3.2DB	—	—	—	—	—	—	37 800	70.4	—	—
HD R6.5 m	HD R2.8DB	—	—	—	—	—	—	37 800	70.4	—	—
M6.18 m	M2.55TB	—	—	—	—	—	—	39 200	73.0	—	—

		850 mm Shoes (TG)		800 mm Shoes (TG)		700 mm Shoes (TG)		600 mm Shoes (TG HD)		600 mm Shoes (DG)	
		Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
Boom	Stick	kg	kPa	kg	kPa	kg	kPa	kg	kPa	kg	kPa
6.0 mt Counterweight											
Long Undercarriage											
HD R6.5 m	HD R3.9DB**	37 700	49.6	37 400	52.2	36 700	58.6	37 000	68.9	37 200	69.3
HD R6.5 m	HD R3.2DB	37 500	49.3	37 200	52.0	36 500	58.3	36 800	68.5	37 000	68.9
HD R6.5 m	HD R2.8DB**	37 500	49.3	37 200	52.0	36 500	58.3	36 800	68.5	37 000	68.9
M6.18 m	M2.55TB**	38 900	51.1	38 600	53.9	37 900	60.5	38 200	71.2	38 400	71.5

*For Europe.
**For ANZ.
***For Europe, ANZ.

Bucket and Stick Forces

Boom Options		HD Reach Boom 6.5 m		Mass Boom 6.18 m
Stick Options	**R3.9DB**	**R3.2DB**	**R2.8DB**	**M2.55TB**
General Duty: Bucket Digging Force (ISO)	211.8 kN	211.8 kN	211.8 kN	264.9 kN
General Duty: Stick Digging Force (ISO)	144.9 kN	166.7 kN	185.5 kN	190.8 kN
General Duty Capacity: Bucket Digging Force (ISO)	209.7 kN	209.7 kN	209.7 kN	261.3 kN
General Duty Capacity: Stick Digging Force (ISO)	144.3 kN	165.9 kN	184.6 kN	190.2 kN
Heavy Duty: Bucket Digging Force (ISO)	209.9 kN	209.9 kN	209.9 kN	264.9 kN
Heavy Duty: Stick Digging Force (ISO)	144.5 kN	166.1 kN	184.8 kN	190.8 kN
Heavy Duty – Power: Bucket Digging Force (ISO)	234.2 kN	234.2 kN	234.2 kN	—
Heavy Duty – Power: Stick Digging Force (ISO)	146.6 kN	169.0 kN	188.3 kN	—
Severe Duty: Bucket Digging Force (ISO)	209.9 kN	209.9 kN	209.9 kN	261.4 kN
Severe Duty: Stick Digging Force (ISO)	144.5 kN	166.1 kN	184.8 kN	190.2 kN
Extreme Duty: Bucket Digging Force (ISO)	209.9 kN	209.9 kN	209.9 kN	—
Extreme Duty: Stick Digging Force (ISO)	144.5 kN	166.1 kN	184.8 kN	—

Major Component Weights*

	kg
Undercarriage (without tracks)	
Long Undercarriage	8900
Long Narrow Undercarriage**	8800
Upper Structure (without front linkage, without counterweight)	
For use with 6 mt counterweight	9900
For use with 7 mt counterweight	10 000
Counterweight	
7.0 mt Counterweight***	7000
6.0 mt Counterweight	6000
Boom (includes lines, pins and stick cylinder)	
HD Reach Boom – 6.50 m	4100
Mass Boom – 6.18 m***	4200
Stick (includes lines, pins and bucket cylinder, linkage)	
HD R3.9DB***	1900
HD R3.2DB	1800
HD R2.8DB***	1800
M2.55TB***	2100
Track Shoes	
850 mm Triple Grouser	5400
800 mm Triple Grouser	5100
700 mm Triple Grouser	4300
600 mm Triple Grouser	4100
600 mm Triple Grouser HD	4700
600 mm Double Grouser	4900
Buckets	
2.28 m^3	1500
2.41 m^3	2500
Quick Coupler	600

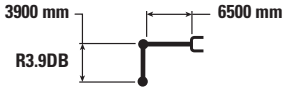
*Base machine includes 75 kg operator weight and 90% fuel weight, and undercarriage with center guard.

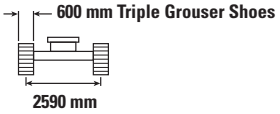
**For Europe.

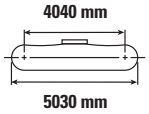
***For Europe, ANZ.

336F L Hydraulic Excavator Specifications

336F L Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On**

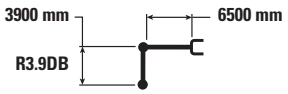


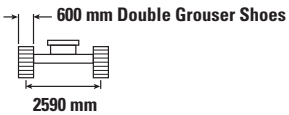


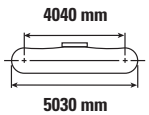


		1500 mm		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
																mm
9000 mm	kg													*6250	*6250	7350
7500 mm	kg									*7650	*7650			*5800	*5800	8540
6000 mm	kg									*7950	*7950	*7500	6050	*5600	*5600	9340
4500 mm	kg							*9700	*9700	*8650	7950	*8100	5950	*5650	5100	9840
3000 mm	kg					*15 150	*15 150	*11 450	10 600	*9600	7600	*8550	5750	*5800	4800	10 100
1500 mm	kg					*18 250	14 950	*13 150	9950	*10 600	7250	8700	5550	*6150	4650	10 130
0 mm	kg			*8250	*8250	*19 850	14 250	*14 300	9500	11 100	7000	8500	5400	*6700	4700	9930
–1500 mm	kg	*8650	*8650	*12 900	*12 900	*20 050	14 000	*14 750	9250	10 950	6800	8450	5350	*7600	5000	9490
–3000 mm	kg	*13 650	*13 650	*18 800	*18 800	*19 200	14 000	*14 400	9200	10 900	6800			8800	5550	8770
–4500 mm	kg	*19 600	*19 600	*23 700	*23 700	*17 100	14 250	*12 950	9350	*9750	6950			*9300	6750	7690
–6000 mm	kg					*13 000	*13 000	*9200	*9200					*9050	*9050	6060

336F L Reach Boom Lift Capacities – Counterweight: 6.0 mt – without Bucket – Heavy Lift On***







		1500 mm		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
																mm
9000 mm	kg													*6250	*6250	7350
7500 mm	kg									*7700	*7700			*5800	*5800	8540
6000 mm	kg									*8000	7650	*7500	5600	*5650	5250	9340
4500 mm	kg							*9800	*9800	*8750	7400	*8200	5500	*5650	4700	9840
3000 mm	kg					*15 300	15 050	*11 600	9800	*9750	7050	8350	5350	*5850	4400	10 100
1500 mm	kg					*18 450	13 900	*13 300	9250	*10 700	6750	8150	5150	*6150	4300	10 130
0 mm	kg			*8250	*8250	*20 100	13 250	*14 500	8800	10 450	6500	8000	5000	*6750	4350	9930
–1500 mm	kg	*8650	*8650	*12 900	*12 900	*20 350	13 000	14 400	8600	10 250	6300	7900	4950	7350	4600	9490
–3000 mm	kg	*13 700	*13 700	*18 850	*18 850	*19 450	13 000	14 350	8550	10 250	6300			8250	5150	8770
–4500 mm	kg	*19 600	*19 600	*24 050	*24 050	*17 350	13 250	*13 150	8650	*9900	6450			*9450	6250	7690
–6000 mm	kg					*13 250	*13 250	*9400	9050					*9250	8950	6060

* ISO 10567

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

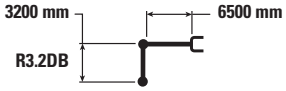
**For Europe, ANZ.

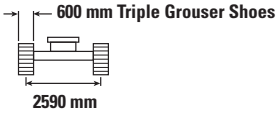
***For ANZ.

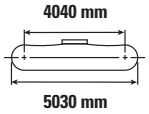
Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F L Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On

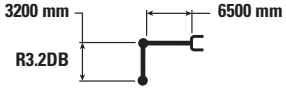


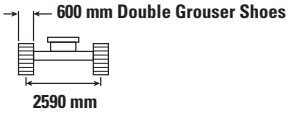


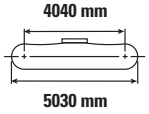


		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
														mm
7500 mm	kg							*8700	8150			*7400	*7400	7700
6000 mm	kg							*8800	8100			*7200	6450	8580
4500 mm	kg			*13 400	*13 400	*10 800	*10 800	*9450	7850	*8500	5900	*7250	5750	9130
3000 mm	kg			*16 950	15 700	*12 450	10 400	*10 300	7550	8850	5750	*7550	5350	9410
1500 mm	kg			*19 450	14 650	*13 950	9850	*11 150	7250	8700	5600	*8050	5200	9440
0 mm	kg			*20 300	14 250	*14 800	9500	11 150	7000	8600	5500	8300	5300	9220
–1500 mm	kg	*14 100	*14 100	*19 850	14 150	*14 850	9350	11 000	6900			8900	5650	8750
–3000 mm	kg	*22 200	*22 200	*18 400	14 250	*14 050	9350	*10 900	6950			*9950	6450	7960
–4500 mm	kg	*20 650	*20 650	*15 600	14 600	*11 850	9600					*10 000	8250	6750

336F L Reach Boom Lift Capacities – Counterweight: 6.0 mt – without Bucket – Heavy Lift On







		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
														mm
7500 mm	kg							*8700	7650			*7400	7300	7700
6000 mm	kg							*8800	7550			*7200	6000	8580
4500 mm	kg			*13 400	*13 400	*10 800	10 300	*9450	7300	*8500	5450	*7250	5300	9130
3000 mm	kg			*16 950	14 650	*12 450	9700	*10 300	7000	8350	5300	*7550	4950	9410
1500 mm	kg			*19 450	13 600	*13 950	9150	10 750	6700	8200	5150	7650	4800	9440
0 mm	kg			*20 300	13 200	14 700	8800	10 500	6500	8100	5050	7800	4900	9220
–1500 mm	kg	*14 100	*14 100	*19 850	13 100	14 500	8650	10 400	6400			8400	5200	8750
–3000 mm	kg	*22 200	*22 200	*18 400	13 200	*14 050	8650	10 450	6450			9650	5950	7960
–4500 mm	kg	*20 650	*20 650	*15 600	13 550	*11 850	8900					*10 000	7650	6750

* ISO 10567

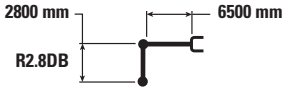
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

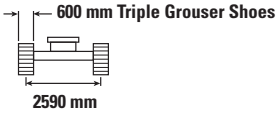
Lift capacity stays with ±5% for all available track shoes.

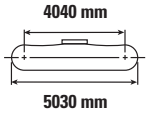
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F L Hydraulic Excavator Specifications

336F L Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On**

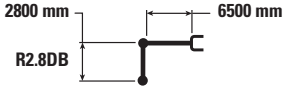


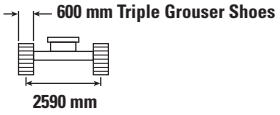


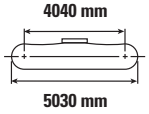


		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
														mm
7500 mm	kg											*9350	8350	7340
6000 mm	kg					*10 000	*10 000	*9300	8000			*9000	6800	8250
4500 mm	kg			*14 400	*14 400	*11 350	10 850	*9850	7750			*9000	6000	8820
3000 mm	kg			*17 850	15 350	*12 950	10 250	*10 650	7450	8800	5700	8650	5600	9110
1500 mm	kg			*16 900	14 450	*14 250	9750	11 350	7200	8700	5550	8500	5450	9140
0 mm	kg			*19 900	14 150	*14 900	9450	11 100	7000			8700	5550	8920
–1500 mm	kg	*13 150	*13 150	*19 500	14 150	*14 750	9350	11 050	6950			9400	6000	8420
–3000 mm	kg	*23 300	*23 300	*17 750	14 350	*13 650	9450	*10 350	7050			*10 100	6950	7600
–4500 mm	kg	*18 550	*18 550	*14 450	*14 450	*10 750	9750					*9850	9150	6330

336F L Reach Boom Lift Capacities – Counterweight: 6.0 mt – without Bucket – Heavy Lift On***







		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
														mm
7500 mm	kg											*9350	7650	7340
6000 mm	kg					*10 000	*10 000	*9300	7300			*9000	6200	8250
4500 mm	kg			*14 400	*14 400	*11 350	9950	*9850	7100			8550	5450	8820
3000 mm	kg			*17 850	14 000	*12 950	9350	*10 650	6800	8150	5150	8000	5050	9110
1500 mm	kg			*16 900	13 150	*14 250	8850	10 450	6500	8000	5050	7800	4900	9140
0 mm	kg			*19 900	12 850	14 300	8550	10 250	6350			8000	5000	8920
–1500 mm	kg	*13 150	*13 150	*19 500	12 850	14 200	8450	10 200	6250			8700	5400	8420
–3000 mm	kg	*23 300	*23 300	*17 750	13 000	*13 650	8550	10 300	6350			*10 100	6250	7600
–4500 mm	kg	*18 550	*18 550	*14 450	13 400	*10 750	8850					*9850	8300	6330

* ISO 10567

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

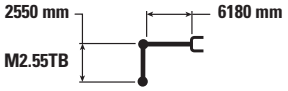
**For Europe, ANZ.

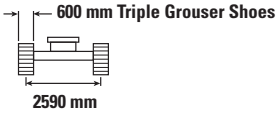
***For ANZ.

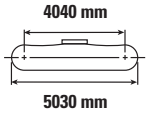
Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F L Mass Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On**

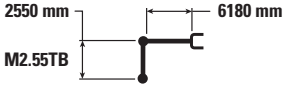


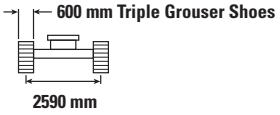


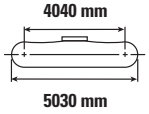


		3000 mm		4500 mm		6000 mm		7500 mm				
												mm
7500 mm	kg					*10 150	*10 150			*9100	*9100	6580
6000 mm	kg					*10 500	*10 500	*9900	7750	*8650	7550	7600
4500 mm	kg			*14 600	*14 600	*11 650	10 700	*10 200	7600	*8650	6550	8210
3000 mm	kg			*17 850	15 200	*13 100	10 100	*10 850	7300	*9000	6000	8520
1500 mm	kg			*19 800	14 300	*14 250	9600	11 200	7050	9200	5850	8550
0 mm	kg			*20 000	14 000	*14 750	9300	11 000	6900	9500	6000	8310
–1500 mm	kg	*17 900	*17 900	*19 000	14 000	*14 400	9250	11 000	6850	10 450	6550	7780
–3000 mm	kg	*21 700	*21 700	*16 750	14 250	*12 750	9400			*10 550	7850	6880
–4500 mm	kg			*12 300	*12 300					*9750	*9750	5430

336F L Mass Boom Lift Capacities – Counterweight: 6.0 mt – without Bucket – Heavy Lift On***







		3000 mm		4500 mm		6000 mm		7500 mm				
												mm
7500 mm	kg					*10 150	*10 150			*9100	8900	6580
6000 mm	kg					*10 500	10 300	*9900	7050	*8650	6900	7600
4500 mm	kg			*14 600	*14 600	*11 650	9800	*10 200	6900	*8650	5950	8210
3000 mm	kg			*17 850	13 850	*13 100	9200	10 600	6650	8700	5450	8520
1500 mm	kg			*19 800	13 000	*14 250	8700	10 350	6350	8500	5300	8550
0 mm	kg			*20 000	12 700	14 200	8400	10 150	6200	8750	5400	8310
–1500 mm	kg	*17 900	*17 900	*19 000	12 700	14 100	8350	10 100	6200	9650	5900	7780
–3000 mm	kg	*21 700	*21 700	*16 750	12 950	*12 750	8500			*10 550	7100	6880
–4500 mm	kg			*12 300	*12 300					*9750	*9750	5430

* ISO 10567

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

**For Europe, ANZ.

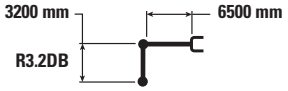
***For ANZ.

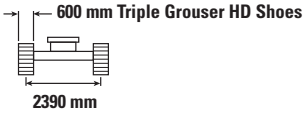
Lift capacity stays with ±5% for all available track shoes.

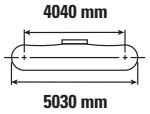
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F L Hydraulic Excavator Specifications

336F LN Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On**

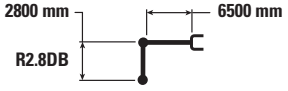


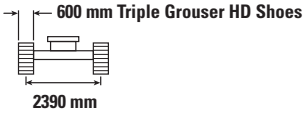


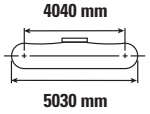


		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
														mm
7500 mm	kg							*8700	7700			*7400	7350	7700
6000 mm	kg							*8800	7600			*7200	6050	8580
4500 mm	kg			*13 400	*13 400	*10 800	10 300	*9450	7350	*8500	5500	*7250	5400	9130
3000 mm	kg			*16 950	14 500	*12 450	9700	*10 300	7050	9000	5400	*7550	5000	9410
1500 mm	kg			*19 450	13 500	*13 950	9150	*11 150	6750	8800	5250	*8050	4900	9440
0 mm	kg			*20 300	13 100	*14 800	8800	11 300	6550	8700	5100	8400	4950	9220
–1500 mm	kg	*14 100	*14 100	*19 850	13 000	*14 850	8650	11 150	6450			9000	5300	8750
–3000 mm	kg	*22 200	*22 200	*18 400	13 100	*14 050	8700	*10 900	6500			*9950	6050	7960
–4500 mm	kg	*20 650	*20 650	*15 600	13 450	*11 850	8950					*10 000	7700	6750

336F LN Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On**







		3000 mm		4500 mm		6000 mm		7500 mm		9000 mm				
														mm
7500 mm	kg											*9350	7800	7340
6000 mm	kg					*10 000	*10 000	*9300	7500			*9000	6400	8250
4500 mm	kg			*14 400	*14 400	*11 350	10 150	*9850	7300			*9000	5650	8820
3000 mm	kg			*17 850	14 150	*12 950	9550	*10 650	7000	8950	5350	8750	5250	9110
1500 mm	kg			*16 900	13 300	*14 250	9050	*11 350	6700	8800	5200	8600	5100	9140
0 mm	kg			*19 900	13 050	*14 900	8800	11 250	6550			8800	5200	8920
–1500 mm	kg	*13 150	*13 150	*19 500	13 000	*14 750	8700	11 200	6450			9550	5600	8420
–3000 mm	kg	*23 300	*23 300	*17 750	13 200	*13 650	8750	*10 350	6550			*10 100	6450	7600
–4500 mm	kg	*18 550	*18 550	*14 450	13 600	*10 750	9100					*9850	8500	6330

* ISO 10567

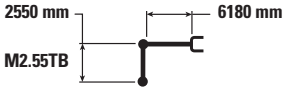
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

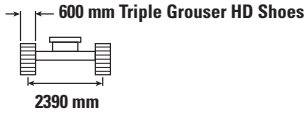
**For Europe.

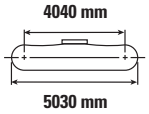
Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F LN Mass Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On**







		3000 mm		4500 mm		6000 mm		7500 mm				
												mm
7500 mm	kg					*10 150	*10 150			*9100	9100	6580
6000 mm	kg					*10 500	10 450	*9900	7250	*8650	7100	7600
4500 mm	kg			*14 600	*14 600	*11 650	9950	*10 200	7100	*8650	6100	8210
3000 mm	kg			*17 850	14 000	*13 100	9400	*10 850	6800	*9000	5650	8520
1500 mm	kg			*19 800	13 150	*14 250	8900	11 350	6550	9350	5450	8550
0 mm	kg			*20 000	12 850	*14 750	8650	11 150	6400	9650	5600	8310
–1500 mm	kg	*17 900	*17 900	*19 000	12 900	*14 400	8550	11 150	6400	*10 550	6100	7780
–3000 mm	kg	*21 700	*21 700	*16 750	13 100	*12 750	8700			*10 550	7300	6880
–4500 mm	kg			*12 300	*12 300					*9750	*9750	5430

* ISO 10567

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

**For Europe.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336F L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

						336F L				336F LN*		
Counterweight						7.0 mt				7.0 mt		
Tracks						600 mm Triple Grouser				600 mm Triple Grouser		
		Width	**Capacity**	**Weight**	**Fill**	**Reach Boom**			**ME Boom**	**Reach Boom**		**ME Boom**
	Linkage	mm	m^3	kg	%	R3.9DB**	R3.2DB	R2.8DB**	M2.55TB**	R3.2DB	R2.8DB	M2.55TB
DB Linkage without Quick Coupler												
General Duty (GD)	DB	1350	1.64	1173	100	●	●	●		●	●	
	DB	1650	2.11	1352	100	⊖	●	●		◉	◉	
	DB	1800	2.35	1453	100	⊖	◉	◉		⊖	⊖	
	TB	1500	2.14	1872	100				●			◉
	TB	1650	2.41	2027	100				◉			⊖
Heavy Duty (HD)	DB	1350	1.64	1481	100	●	●	●		●	●	
	DB	1500	1.88	1600	100	◉	●	●		◉	●	
	DB	1650	2.12	1730	100	⊖	◉	◉		⊖	◉	
	TB	1650	2.41	2210	100				◉			⊖
Severe Duty (SD)	DB	1650	2.14	1827	90	⊖	◉	●		◉	◉	
	TB	1350	1.87	2065	90				●			●
	TB	1650	2.41	2385	90				◉			⊖
Maximum load pin-on (payload + bucket)					kg	4882	5604	5845	6596	5199	5420	6094
DB Linkage with Pin Grabber Coupler												
General Duty (GD)	DB	1350	1.64	1173	100	◉	●	●		●	●	
	DB	1650	2.11	1352	100	○	◉	◉		⊖	⊖	
	DB	1800	2.35	1453	100	○	⊖	⊖		○	⊖	
	TB	1500	2.14	1872	100				◉			◉
	TB	1650	2.41	2027	100				⊖			⊖
Heavy Duty (HD)	DB	1350	1.64	1481	100	◉	●	●		◉	●	
	DB	1500	1.88	1600	100	⊖	◉	◉		⊖	◉	
	DB	1650	2.12	1730	100	○	⊖	⊖		○	⊖	
	TB	1650	2.41	2210	100				⊖			○
Severe Duty (SD)	DB	1650	2.15	1827	90	○	⊖	◉		⊖	⊖	
	TB	1350	1.87	2065	90				●			●
	TB	1650	2.41	2385	90				⊖			⊖
Maximum load pin-on (payload + bucket)					kg	4324	5046	5287	6037	4641	4862	5535
With Quick Coupler (CW45, CW45s)												
General Duty (GD)	DB	1050	1.17	986	100	●	●	●		●	●	
	DB	1200	1.40	1064	100	●	●	●		●	●	
	DB	1350	1.64	1143	100	◉	●	●		●	●	
	DB	1500	1.87	1245	100	⊖	●	●		◉	◉	
	DB	1650	2.11	1324	100	⊖	◉	◉		⊖	⊖	
Heavy Duty (HD)	DB	1350	1.64	1417	100	◉	●	●		●	●	
	DB	1500	1.88	1514	100	⊖	◉	●		⊖	◉	
	DB	1650	2.12	1647	100	○	⊖	◉		⊖	⊖	
	TB	1650	2.41	2117	100				⊖			⊖
Severe Duty (SD)	DB	1050	1.17	1272	90	●	●	●		●	●	
	DB	1650	2.15	1802	90	○	◉	◉		⊖	⊖	
	TB	1350	1.87	1974	90				●			●
	TB	1650	2.41	2295	90				◉			⊖
Maximum load with coupler (payload + bucket)					kg	4392	5114	5355	6106	4709	4930	5604

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

*For Europe.

**For Europe, ANZ.

Maximum Material Density:

- ● 2100 kg/m^3
- ◉ 1800 kg/m^3
- ⊖ 1500 kg/m^3
- ○ 1200 kg/m^3

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

Bucket Specifications and Compatibility

						336F L			
Counterweight						6.0 mt			
Tracks						600 mm Triple Grouser			
		Width	**Capacity**	**Weight**	**Fill**	**Reach Boom**			**ME Boom**
	Linkage	mm	m^3	kg	%	R3.9DB*	R3.2DB	R2.8DB*	M2.55TB*
DB Linkage Without Quick Coupler									
General Duty (GD)	DB	1350	1.64	1173	100%	◉	●	●	
	DB	1650	2.11	1352	100%	⊖	◉	◉	
	DB	1800	2.35	1453	100%	○	⊖	⊖	
	TB	1500	2.14	1872	100%				◉
	TB	1650	2.41	2027	100%				⊖
Heavy Duty (HD)	DB	1350	1.64	1481	100%	◉	●	●	
	DB	1500	1.88	1600	100%	⊖	◉	◉	
	DB	1650	2.12	1730	100%	○	⊖	⊖	
	TB	1650	2.41	2210	100%				○
Severe Duty (SD)	DB	1650	2.14	1827	90%	○	⊖	◉	
	TB	1350	1.87	2065	90%				●
	TB	1650	2.41	2385	90%				⊖
Maximum load pin-on (payload + bucket)					kg	4390	5062	5282	5572
DB Linkage With Pin Grabber Coupler									
General Duty (GD)	DB	1350	1.64	1173	100%	⊖	●	●	
	DB	1650	2.11	1352	100%	○	⊖	⊖	
	DB	1800	2.35	1453	100%	◇	○	○	
	TB	1500	2.14	1872	100%				⊖
	TB	1650	2.41	2027	100%				○
Heavy Duty (HD)	DB	1350	1.64	1481	100%	⊖	◉	◉	
	DB	1500	1.88	1600	100%	○	⊖	⊖	
	DB	1650	2.12	1730	100%	◇	○	○	
	TB	1650	2.41	2210	100%				○
Severe Duty (SD)	DB	1650	2.15	1827	90%	◇	○	⊖	
	TB	1350	1.87	2065	90%				◉
	TB	1650	2.41	2385	90%				○
Maximum load pin-on (payload + bucket)					kg	3832	4504	4724	5014
With Quick Coupler (CW45, CW45s)									
General Duty (GD)	DB	1050	1.17	986	100%	●	●	●	
	DB	1200	1.40	1064	100%	●	●	●	
	DB	1350	1.64	1143	100%	⊖	●	●	
	DB	1500	1.87	1245	100%	○	◉	◉	
	DB	1650	2.11	1324	100%	○	⊖	⊖	
Heavy Duty (HD)	DB	1350	1.64	1417	100%	⊖	◉	●	
	DB	1500	1.88	1514	100%	○	⊖	◉	
	DB	1650	2.12	1647	100%	◇	○	⊖	
	TB	1650	2.41	2117	100%				○
Severe Duty (SD)	DB	1050	1.17	1272	90%	●	●	●	
	DB	1650	2.15	1802	90%	◇	⊖	⊖	
	TB	1350	1.87	1974	90%				◉
	TB	1650	2.41	2295	90%				○
Maximum load with coupler (payload + bucket)					kg	3900	4572	4792	5082

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

*For ANZ.

Maximum Material Density:

- ● 2100 kg/m^3
- ◉ 1800 kg/m^3
- ⊖ 1500 kg/m^3
- ○ 1200 kg/m^3
- ◇ 900 kg/m^3

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

336F L Hydraulic Excavator Specifications

336F L Work Tool Offering Guide

Boom Type	Reach Boom HD			Mass Boom
Stick Size	**R3.9DB***	**R3.2DB**	**R2.8DB***	**M2.55TB***
Hydraulic Hammer	H140E s H160E s	H140E s H160E s	H140E s H160E s	H140E s H160E s
Multi-Processor	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw	 MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw
Pulverizer	P225 P235	P225 P235	P225 P235	 P235
Crusher	P325 P335	P325 P335	P325 P335	 P335
Demolition and Sorting Grapple	G325B G330	G325B G330	G325B G330	 G330
Mobile Scrap and Demolition Shear	S325B S365C	S325B S365C	S325B S340B S365C	S340B S365C
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110	CVP110
Orange Peel Grapple	GSH22 GSM45	GSH22 GSM45	GSH22 GSM45	GSH22 GSM45
Clamshell Grapple	CTV20	CTV20	CTV20	CTV20
Pin Grabber Coupler	CL-QC	CL-QC	CL-QC	CL-QC
Dedicated Quick Coupler	CW-45 CW-45S	CW-45 CW-45S	CW-45 CW-45S	CW-45 CW-45S

Matching as shown above is for indication only, it might change according to your boom/stick/linkage configuration.

For proper match, please contact your local Cat dealer.

*For Europe, ANZ.

336F LN Work Tool Offering Guide*

Boom Type	Reach Boom HD		Mass Boom
Stick Size	**R3.2DB**	**R2.8DB**	**M2.55TB**
Hydraulic Hammer	H140E s H160E s	H140E s H160E s	H140E s H160E s
Multi-Processor	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PS Jaw MP30 S Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw	 MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw
Pulverizer	P225 P235	P225 P235	 P235
Crusher	P325 P335	P325 P335	 P335
Demolition and Sorting Grapple	G325B G330	G325B G330	 G330
Mobile Scrap and Demolition Shear	S325B S365C	S325B S365C	 S365C
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110
Orange Peel Grapple	GSH22 GSM45	GSH22 GSM45	GSH22 GSM45
Clamshell Grapple	CTV20	CTV20	CTV20
Pin Grabber Coupler	CL-QC	CL-QC	CL-QC
Dedicated Quick Coupler	CW-45 CW-45S	CW-45 CW-45S	CW-45 CW-45S

Matching as shown above is for indication only, it might change according to your boom/stick/linkage configuration.

For proper match, please contact your local Cat dealer.

*For Europe.

336F L Standard Equipment

Standard Equipment

Standard equipment may vary. Consult your Cat dealer for details.

CAB

- Wiper and washer
- Mirrors
- Pressurized operator station with positive filtration
- Sliding upper door window (left-hand cab door)
- Openable skylight
- Sun screen
- Interior:
  - Glass-breaking safety hammer
  - Coat hook
  - Beverage holder
  - Literature holder
  - Interior lighting
  - AM/FM radio mounting (DIN size)
  - Two 12V stereo speakers
  - Storage shelf suitable for lunch or toolbox
  - Power supply with 12V, two power outlets (10 amp)
  - Thumb wheel modulation joystick for use with combined auxiliary control
  - Air conditioner, heater and defroster with climate control
- Seat:
  - Adjustable high-back, heated seat with air suspension
  - Adjustable high-back, heated and ventilated seat with air suspension
  - Seat belt, 51 mm
  - Adjustable armrest
  - Height adjustable joystick consoles
  - Neutral lever (lock out) for all controls
  - Travel control pedals with removable hand levers
  - Capability of installing two additional pedals
  - Two speed travel
  - Floor mat, washable
- Monitor:
  - Clock
  - Video ready
  - Color LCD display with warning, filter/fluid change, and working hour information
  - Language display (full graphic and full color display)
  - Machine condition, error code and tool mode setting information
  - Start-up level check for engine oil, engine coolant and hydraulic oil
  - Warning, filter/fluid change and working hour information
  - Fuel consumption meter

ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Battery, standard

ENGINE

- Cat C9.3 ACERT diesel engine
- Tier 4 Final, Stage IV, and Korea Tier 4 emission package
- 2300 m altitude capability with no derate
- Biodiesel capable up to B20
- Automatic engine speed control
- Electric priming pump
- Water separator in fuel line including water level sensor and indicator
- Economy and standard power modes
- Air cleaner
- Radial seal air filter
- Side-by-side cooling system
- Primary filter with water separator and water separator indicator switch
- Starting kit, cold weather, –18° C
- Fuel differential indicator switch in fuel line
- 2×4 micron main filters and 1×10 micron primary filter in fuel line
- Water level indicator for water separator

HYDRAULIC SYSTEM

- Boom and stick lowering control devices
- Reverse swing dampening valve
- Automatic swing parking brake
- High-performance hydraulic return filter
- Regeneration circuit for boom and stick
- Capability of installing additional auxiliary circuits
- Bio oil capable

LIGHTS

- Cab and boom lights with time delay
- Exterior lights integrated into storage box

UNDERCARRIAGE/UPPERFRAME

- Grease Lubricated Track GLT2, resin seal
- Heavy duty track roller and idler
- Towing eye on base frame
- HD bottom guard
- HD travel motor guard

SAFETY AND SECURITY

- Cat one key security system
- Door locks
- Cap locks on fuel and hydraulic tanks
- Lockable external tool/storage box
- Signaling/warning horn
- Secondary engine shutoff switch
- Mirrors
- Capability to connect a beacon
- Bolt on FOGS capability

INTEGRATED TECHNOLOGIES

- Product Link
- Rear vision camera

Optional Equipment

Optional equipment may vary by country. Consult your Cat dealer for details.

FRONT LINKAGE

- Heavy Duty Reach Boom 6.5 m
  - HD R3.9DB***
  - HD R3.2DB
  - HD R2.8DB***
  - DB-family bucket linkage (with lifting eye)
- Mass boom 6.18 m
  - M2.55TB ***
  - TB-family bucket linkage (with lifting eye)
- Quick couplers

TRACK

- Long undercarriage
  - 850 mm Triple Grouser
  - 800 mm Triple Grouser
  - 700 mm Triple Grouser
  - 600 mm Triple Grouser
  - 600 mm Triple Grouser HD
  - 600 mm Double Grouser
- Long Narrow undercarriage*
  - 600 mm Triple Grouser HD

UNDERCARRIAGE/UPPERFRAME

- 6 mt counterweight
- 7 mt counterweight***
- Swivel guard

GUARDS

- FOGS (Falling Object Guard System) including overhead and windshield guards
- Vandalism guard**
- Rubber bumpers
- Track guiding guards:
  - Full length
  - Segmented
  - Center section

CAB

- Seat:
- Cab front rain protector*
- Windshield:
  - 70-30 split, sliding, removable lower windshield with in cab storage bracket
  - One-piece, fixed*
- Straight travel pedal

HYDRAULIC SYSTEM

- HP hydraulic lines for boom and stick
- MP hydraulic lines for boom and stick
- QC hydraulic lines for boom and stick
- QC control
- Control pattern, quick changer**
- SmartBoom™*

ELECTRICAL

- Cold weather starting package
- Travel alarm
- Electric refueling pump*
- Beacon electrical outlet

INTEGRATED TECHNOLOGIES

- Side-view camera

ENGINE

- Quick drains, engine and hydraulic oil (QuickEvac)

SECURITY

- Cat MSS (anti-theft device)

*For Europe.
**For ANZ.
***For Europe and ANZ.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**

AEHQ7887-01
Replaces AEHQ7887
(Europe/ANZ/South Korea)

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